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(71) Applicant (for all designated States except US): **THOMSON LICENSING S. A.** [FR/FR]; 46 Quai A. Le Gallo, F-92648 Boulogne Cedex (FR).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **O'DONNELL, Eugene, Murphy** [US/US]; 7594 Timber Springs Drive, Fishers, IN 46038 (US). **HALL JR, Estill, Thone,** [US/US]; 9978 Niagara Drive, Fishers, IN 46038 (US).

(74) Agents: **TRIPOLI, Joseph, S. et al.;** c/o THOMSON Licensing Inc., 2 Independence Way, Suite #2, Princeton, NJ 08540 (US).

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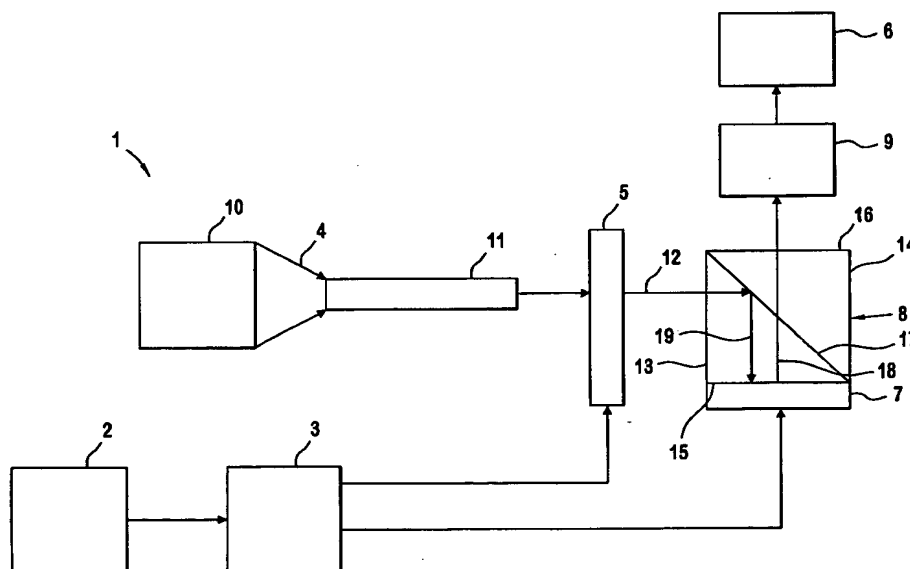
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(54) Title: DYNAMIC RANGE AND CONTRAST ENHANCEMENT FOR MICRODISPLAY



(57) Abstract: The invention relates to a light valve system that enhances the contrast ratio for light and dark video images and reduces contouring artifacts. The light valve system comprises a color selection device configured to temporally attenuate component color bands of light to correspond with a video input signal. A first polarizing beam splitter configured to polarize the component color bands into oppositely polarized components, and microdisplay configured to receive at least one of the oppositely polarized components for forming a projected light matrix.

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